

Indiana Career Council

Ivy Tech Community College Rebuilding America's Middle Class

March 24, 2014



**CHANGING LIVES
MAKING INDIANA GREAT**

College Attainment — Who We Compare To

State	Attainment	Rank	Median	Rank
West Virginia	26.1%	50 th	\$42,974	42 nd
Arkansas	27.9%	49 th	\$40,553	49 th
Louisiana	28.1%	48 th	\$40,599	48 th
Nevada	29.5%	47 th	\$49,929	25 th
Mississippi	29.9%	46 rd	\$40,227	50 th
Kentucky	30.0%	45 th	\$41,129	46 th
Alabama	31.5%	44 th	\$42,407	43 rd
Oklahoma	31.7%	43 rd	\$46,459	35 th
Tennessee	31.9%	42 nd	\$41,044	47 th
New Mexico	33.1%	41 st	\$44,270	41 st
Indiana	33.2%	40th	\$46,020	36th

Lumina Foundation & 2010 US Census Bureau



**CHANGING LIVES
MAKING INDIANA GREAT**

National Leader

“Ivy Tech is implementing more cutting edge, national best practice initiatives than any community college in the nation.”

Complete College America



**CHANGING LIVES
MAKING INDIANA GREAT**

Our National Best Practice Efforts

- ✓ New **curriculum pathways** to success
 - ✓ Both part-time and full-time
 - ✓ Both including remediation and college-ready
- ✓ New **division structure** keeping students **on track**
 - **less** choices
 - ✓ Health Science
 - ✓ Business & Public Service
 - ✓ Technology & Applied Sciences
 - ✓ University/Transfer
- ✓ First in the nation to **redesign** college mathematics
- ✓ New remediation using **co-requisite** models



Our National Best Practice Efforts

- ✓ **ASAP** – one year to an associate degree
- ✓ **Elimination** of unnecessary **prerequisite** courses
- ✓ Intrusive advising about **career tracks** based on **student ability** and interest
- ✓ **Ivy Institute** – earn technical certificate in 40 weeks of instruction with block scheduling
- ✓ National leader in high school **dual credit** – saving Hoosiers over **\$20M** a year



Co-Requisite & Remediation Redesign

- Restructure and **accelerate** mathematic and reading/writing remedial curriculum to align with the new mathematic pathways and college-level English competencies
- Delivery of remedial and college-level courses in the **same** class
- Ivy Tech is the **first** major community college to have a remediation specialist on staff
- **72%** of Ivy Tech students require remediation



Accelerated Associate Program

- **One** year associate degree program
- Cohort-based program with **block** scheduling
- **75%** of ASAP students earn a degree in the first year
- **89%** of ASAP students earn a degree two years
- **88%** of ASAP students transfer to a four-year institution

THE WALL STREET JOURNAL.

U.S. NEWS



Derrick Johnson, right, talks to Jeffrey Jourdan, head of a program in Indiana that helps students financially as they work on their degrees.

College Makes Studying Pay

Program Supports Students Through Associate's Degrees, Bus Fare Often Included

By CAROLINE PORTER

INDIANAPOLIS—The typical community-college student works at least part time while attending classes and often doesn't complete a degree even after three years, according to the U.S. Education Department.

Derrick Johnson is on a different track. The 19-year-old first-year student from a low-income neighborhood of Indianapolis received a scholarship for spending six hours in class each day and another six hours a day studying with classmates. He has pledged not to work during the week. His scholarship, besides tuition and fees, also helps cover expenses, such as some food and transportation costs. Best of all, he expects to earn an associate's degree by May, within one year.

Mr. Johnson sleeps on a couch at his dad's house and rises at 5 a.m. He then rides two buses for about an hour to get to school each day by 7 a.m., and usually leaves campus by 7 p.m. His weekdays consist of little



Fast Track

Roughly 70% of students at Ivy Tech's ASAP program earn an associate's degree in 12 months.

Note: Nationally, about 31% of students earn degrees at two-year schools within three years, according to the Education Department. Source: by Tech officials. The Wall Street Journal

Students in the ASAP program commit to attending class, studying together and not working on weekdays.

place and that was not designed for them," he said.

Yet some backers question how widely the program can be applied because of its high cost

than they get now to complement foundational support.

Officials recruit ASAP students—most of whom qualify for federal and state grants that

grams exist but none come with such a comprehensive support package in a one-year time frame.

But education experts and of-



**CHANGING LIVES
MAKING INDIANA GREAT**

National Best Practice Meta-Majors

UNIVERSITY AND TRANSFER

Math 123- Quantitative Reasoning

Criminal Justice
Early Childhood Education
Education (or MATH 135)
Fine Arts
General Education Transfer Core (or MATH 135 /136)
General Studies
Homeland Security /Public Safety
Human Services
Liberal Arts AA
Library Technical Assistant
Paralegal Studies
Professional Communication
Visual Communications++

Math 135-Finite Math

Accounting
Business Administration
Liberal Arts AS

Math 136- College Algebra

Agriculture AS
Biotechnology++
Building Construction Management++
Cyber Security/Information Assurance
Database Management & Administration ++
Electrical Engineering Technology
Engineering Technology++
Hospitality Administration++
Informatics AS
Mechanical Engineering Technology++
Nanotechnology++
Software Development ++ AS
Supply Chain Management/Logistics

Math 211- Calculus

Computer Science
Pre-Engineering

HEALTH

NO MATH REQUIRED

Dental Assisting+
Practical Nursing+

Math 123-Quantitative Reasoning

Dental Hygiene+
Health Care Support++
Health Information Technology+
Medical Assisting++
Medical Laboratory Technology+
Neurodiagnostic Technology+
Paramedic Science+
Respiratory Care+
Surgical Technology+
Therapeutic Massage++

Math 135-Finite Math

Nursing (or Math 136) +
Kinesiology++

Math 136- College Algebra

Imaging Sciences+
Physical Therapist Assistant+
Radiation Therapy+

+denotes selective admission/limited enrollment program

++denotes enrollment limited by lab facilities/equipment



**CHANGING LIVES
MAKING INDIANA GREAT**

National Best Practice Meta-Majors

TECHNOLOGY AND APPLIED SCIENCES

MATH 122-TECHNICAL MATHEMATICS

Advanced Manufacturing++
Automotive Technology++
Aviation Technology++
Building Construction Management++
Construction Technology++
Design Technology++
Energy Technology++
HVAC++
Industrial Apprenticeship+
Industrial Technology++
Energy Technology++
Machine Tool Technology++
Manufacturing Production and Operations

Math 123-Quantitative Reasoning

Agriculture AAS
Database Management/Admin ++
Informatics
Information Technology Support ++
Network Infrastructure++
Server Administration ++
Software Development ++

Math 136-College Algebra

Biotechnology++
Chemical Technology++
Cyber Security/Information Assurance ++

Math 137-Trigonometry

Electronics and Computer Technology++

BUSINESS & PUBLIC SERVICES

MATH 123

Accounting
Business Administration
Criminal Justice
Early Childhood Education
Environmental Design++
Homeland Security /Public Safety
Hospitality Administration++
Human Services
Mortuary Science+
Office Administration++
Paralegal Studies
Visual Communications++

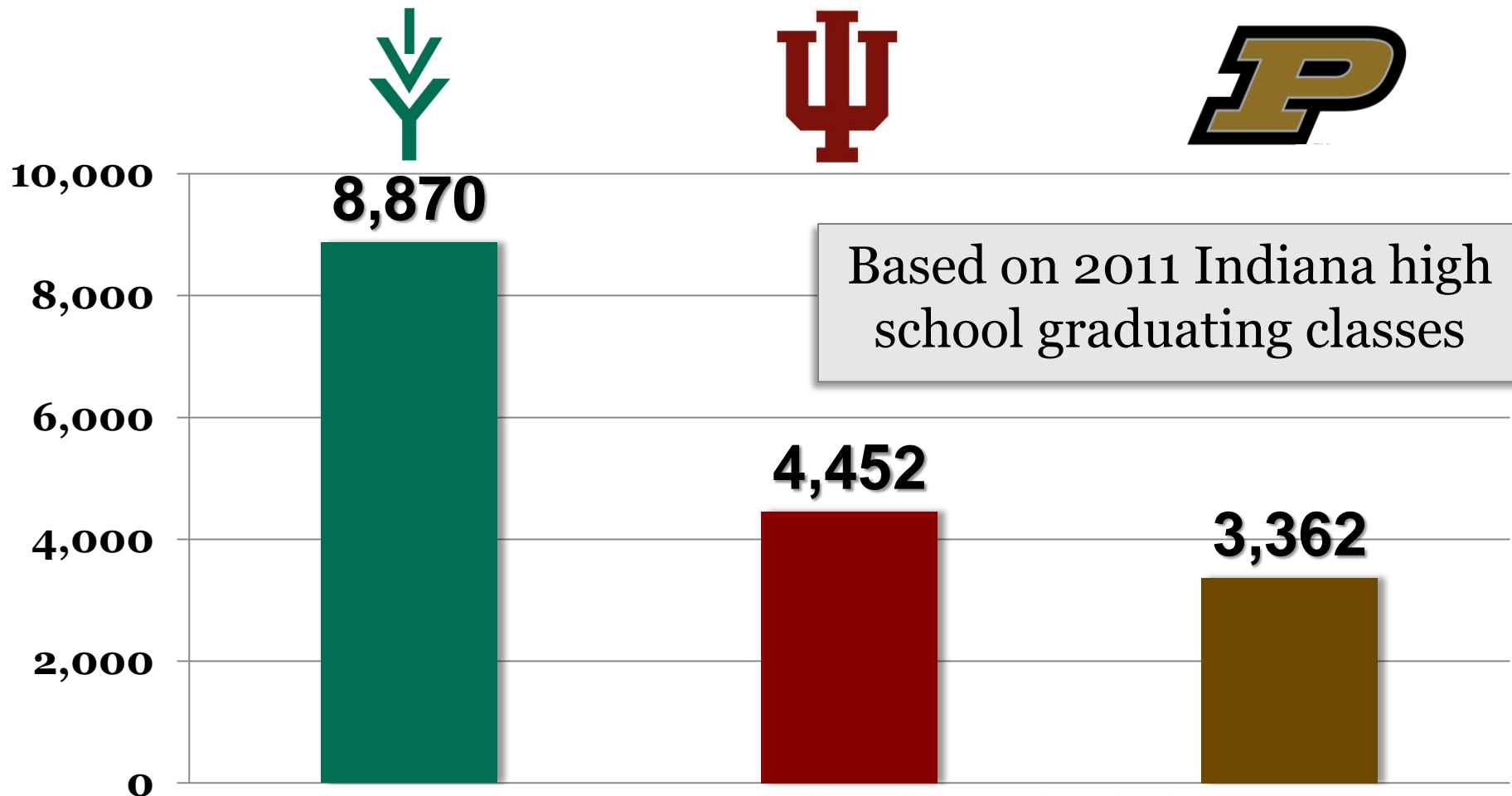
+denotes selective admission/limited enrollment program

++denotes enrollment limited by lab facilities/equipment



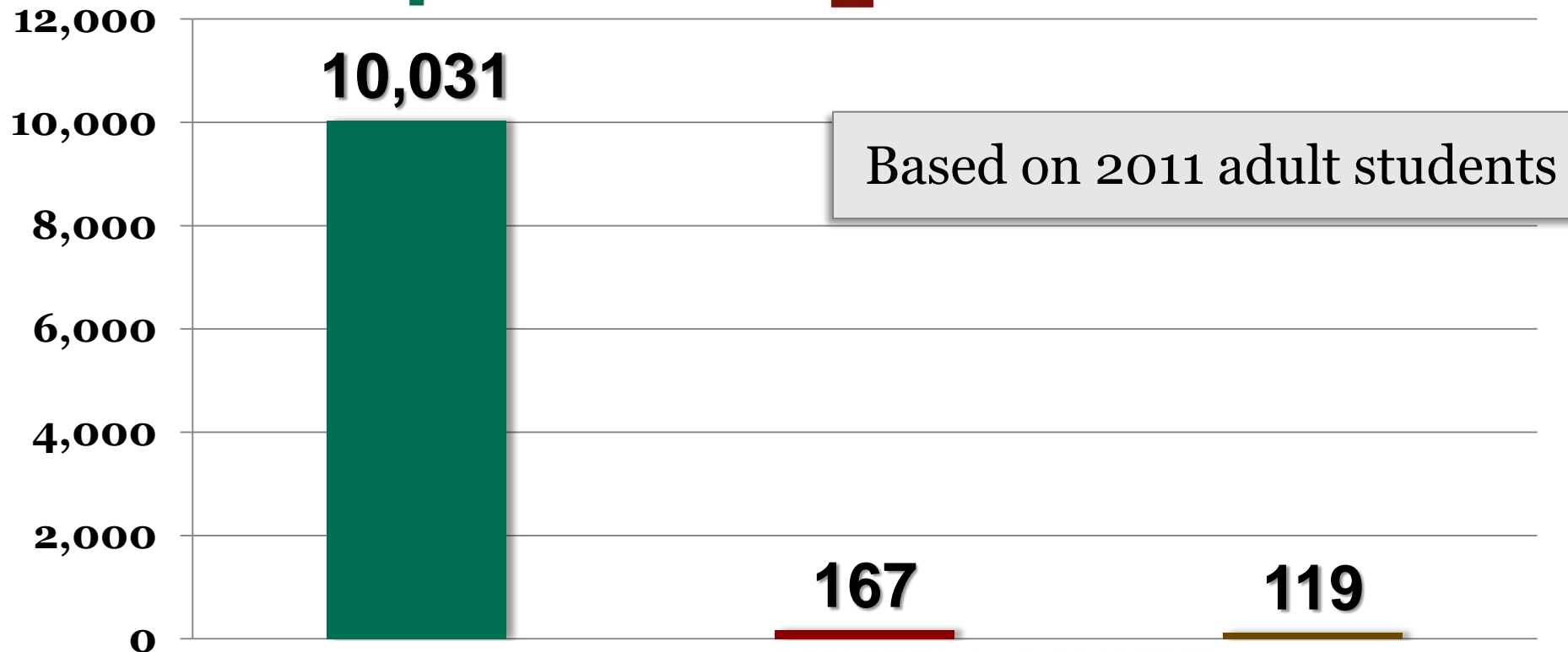
**CHANGING LIVES
MAKING INDIANA GREAT**

College of First Choice



**CHANGING LIVES
MAKING INDIANA GREAT**

College of First Choice



**CHANGING LIVES
MAKING INDIANA GREAT**

Total Revenue



\$2.9 Billion



\$2 Billion



\$660 Million



**CHANGING LIVES
MAKING INDIANA GREAT**

The Big Goal – How We Get There

- ✓ In 2008 Indiana Chamber/Joyce Foundation reported **651,609** adults in Indiana under prepared for the workforce.
- ✓ In 2010, **33.2%** of Indiana adults ages 25-64 held at least a two-year degree.
- ✓ If current trends continue, by 2025 an estimated **40.8%** of the 25-64 adult population in Indiana will hold an associate degree or higher.
- ✓ At current investment levels the state will have a **gap of 19.2%** between projected number of adults with degrees and the goal of 60% of the adult population.



“... nothing more than a high school diploma...difficult road to middle class status.”

Anthony Carnevale,
Georgetown University Center on Education and the Workforce



“The only way to ensure our future is to improve the ways we prepare our citizens for the 21st century workforce.”

Jamie Merisotis
President/CEO, Lumina Foundation



The Big Goal – Ivy Tech's Role

- ✓ Ivy Tech has the **strongest** connection amongst higher education institutions with high schools and career centers.
- ✓ Reports show **80 percent** of the jobs of the future will require a sub baccalaureate degree/credential.
- ✓ State of Indiana goal is to double the number of degrees to **120,000 by 2025**.
- ✓ 75% of those **60,000** additional degrees need to be associate degrees.
- ✓ Assumption that Ivy Tech will award **45,000** additional associate degrees.
- ✓ **To reach this goal, the state must invest in and partner with Ivy Tech for us to award approximately 53,000 degrees in 2025.**



How the State/Ivy Tech Get There

- ✓ Improve **advising** ratio
 - current ratio 1,200 to 1
 - goal 500 to 1
- ✓ Improve **full-time faculty** percentages
 - current percentage 28%
 - goal 50%
- ✓ Bring **ASAP** to scale statewide
- ✓ Bring **Ivy Institute** to scale in additional markets
- ✓ Develop state-of-the-art **manufacturing** centers in various markets
- ✓ Own the highest graduation/transfer **success** rate in the nation
- ✓ Be a national leader in **on time** graduation for full-time students



Steve Ferguson



**CHANGING LIVES
MAKING INDIANA GREAT**

Tom Easterday



**CHANGING LIVES
MAKING INDIANA GREAT**

Only way to achieve the
Big Goal for
Indiana is through
Ivy Tech Community
College



**CHANGING LIVES
MAKING INDIANA GREAT**